

WHAT IS CLAIMED IS

1. A laser-welding jig characterized in that an opening of the upper surface of a cylindrical body made of a metal having a good heat conductivity is closed by a light-transmission plate and a lower cylindrical portion thereof is adapted to be fitly mounted on the outer peripheral surface of a terminal of a lead-acid battery, so that a cylindrical shield is formed, and the cylindrical shield which is provided with the plural number of discharge openings for a shield fluid disposed circumferentially at the lower portion thereof, and a shroud ring provided with the plural communication openings disposed at regular intervals circumferentially at a position which is above the discharge openings is so installed in the cylindrical shield as to leave an annular space between the shroud ring and the inner surface of a peripheral wall of the cylindrical shield, and the cylindrical shield is provided with an exhaust port for communicating with the annular space.

2. A laser-welding jig according to claim 1, wherein the cylindrical shield is provided with a plurality of air-intake openings disposed at an upper portion thereof, and the exhaust port communicating with the annular space is made in the side of the cylindrical shield below the air-intake openings.